

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**TENTATIVE ADDENDUM NO. 1
TO
ORDER NO. R9-2003-0007**

**MASTER RECLAMATION PERMIT
WITH WASTE DISCHARGE REQUIREMENTS
FOR THE PRODUCTION AND PURVEYANCE OF RECYCLED WATER**

FOR

**OLIVENHAIN MUNICIPAL WATER DISTRICT
4-S RANCH WASTEWATER TREATMENT PLANT
SAN DIEGO COUNTY**

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

1. On February 5, 2003, this Regional Board adopted Order No. R9-2003-0007, *Master Reclamation Permit with Waste Discharge Requirements for the Production and Purveyance Of Recycled Water for the Olivenhain Municipal Water District, 4-S Ranch Wastewater Treatment Plant, San Diego County*. Order No. R9-2003-0007 updated Order No. 85-40 and established requirements for the discharge of up to 0.20 million gallons per day (MGD) and the production, purveyance, and use of 1.0 MGD of tertiary recycled water.
2. The purpose of this addendum is to update the total dissolved solids (TDS) discharge specifications prescribed by Order No. R9-2003-0007, which established a daily maximum TDS effluent limitation of 1,200 mg/L and a 12-month average limitation not to exceed the TDS of the potable supply plus an increment of 400 mg/L, up to a maximum value of 1,500 mg/L. This addendum revises these limits to establish a daily maximum TDS limitation of 1,500 mg/L and a 12-month average limitation of 1,300 mg/L, which are consistent with other Regional Board Orders for wastewater treatment plants that discharge recycled water within the Solana Beach Hydrologic Area (905.10). The changes are in full conformance with the Water Quality Control Plan for the San Diego Basin (9), September 8, 1994 as amended.
3. The Regional Board has notified the Olivenhain Municipal Water District and all known interested parties of its intent to amend the waste discharge requirements of Order No. R9-2003-0007.

4. The Regional Board in a public meeting has heard and considered all comments pertaining to the terms and conditions of this addendum.

IT IS HEREBY ORDERED, That Order No. R9-2003-0007 is amended as follows:

1. Effluent limitations in Discharge Specifications B.3 shall be replaced with the following:
 3. Effluent used for landscape irrigation purposes shall be treated to the most restricted level in conformance with all applicable provisions of California Code of Regulations, Title 22, Division 4, Chapter 3 (Reclamation Criteria) for landscaping irrigation [currently Section 60304 (b) and 60320.5]. Recycled water from the 4SRWWTP shall not contain constituents in excess of the following limitations:

Constituent	Unit	Daily ¹ Maximum	Monthly ² Average	12-month ³ Average
Biochemical Oxygen Demand (BOD ₅ @ 20°C)	mg/L	45	30	--
Total Suspended Solids	mg/L	45	30	--
pH	within the limits of 6.0 to 9.0 at all times			
Total Dissolved Solids	mg/L	1,500	--	1,300
Chloride	mg/L	350	--	--
Sulfate	mg/L	350	--	--
Percent Sodium	%	65	--	60
Iron	mg/L	1.0	0.85	--
Manganese	mg/L	0.20	0.15	--
Methylene Blue Active Substances	mg/L	0.6	0.5	--
Boron	mg/L	1.0	--	0.75
Fluoride	mg/L	1.2	1.0	--

¹The daily maximum effluent limitation shall apply to the results of a single composite or grab sample.

²The monthly average effluent limitation shall apply to the arithmetic mean of the results of all samples collected during any 30 consecutive calendar day period.

³The 12-month average effluent limitation shall apply to the arithmetic mean of the results of all samples collected during any 12 consecutive calendar month period.

2. This Addendum becomes effective on the date of adoption by the Regional Board.

I, John H. Robertus, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Addendum adopted by the California Regional Water Quality Control Board, San Diego Region, on September 8, 2004.

TENTATIVE
JOHN H. ROBERTUS
Executive Officer